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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 15 February 2001 (15.02.2001)

PCT

(10) International Publication Number WO 01/11532 A1

(51) International Patent Classification7:

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- (21) International Application Number: PCT/US00/40621
- (22) International Filing Date: 10 August 2000 (10.08.2000)
- (25) Filing Language:

English

G06F 17/60

(26) Publication Language:

English

(30) Priority Data:

60/148,394 09/515,878

11 August 1999 (11.08.1999) US 29 February 2000 (29.02.2000) US

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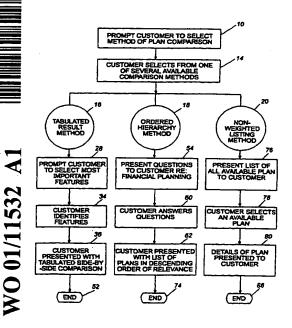
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

- With international search report.
- Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS FOR PRESENTING ALTERNATIVE PRODUCTS FOR COMPARISON



(57) Abstract: The present disclosure relates to methods of presenting alternative products to a customer for comparison. In one embodiment, the method comprises prompting a customer to select from one of at least two product comparison methods (10) selected from the group including a tabulated result method (16), an ordered hierarchy method (18), and a non-weighted listing method (20). The tabulated result method prompts the customer to select the product features most important to the customer from a list and presents a table that crosses these features with available products. The ordered hierarchy method prompts the customer to answer at least one question relevant to the product selection decision and then presents a list of available products based upon the customer response. The non-weighted listing method presents the customer with a list of available products and permits the customer to view details of each available product.

METHODS FOR PRESENTING ALTERNATIVE PRODUCTS FOR COMPARISON

CROSS-REFERENCE TO RELATED APPLICATION

The present application claims the benefit of the filing date of U.S. Provisional Patent Application Serial No. 60/148,394, filed August 11, 1999 and U.S. Utility Patent Application Serial No. 09/515,878.

FIELD OF THE INVENTION

The present disclosure relates to methods for presenting alternative products, such as goods or services, for comparison. Such goods or services can, by way of example, include plans related to financial planning, insurance, banking, and investing.

BACKGROUND OF THE INVENTION

When presenting a potential purchaser with a variety of goods or services, it often is helpful to the customer to be provided with comparative information concerning the available goods or services to aid the customer in deciding upon which good or service to purchase. Such comparison typically is made by sequentially reviewing all of the specific features of each available good or service, mentally comparing these features in view of those of the other goods or services, and considering the features in view of the customer's own needs.

Although this method is effective, it can be time consuming and, depending upon the underlying subject matter to which the good or service is related, can be difficult for the customer. For this reason, it would be desirable to provide a customer with various alternative methods with which the customer could compare various alternative goods and/or services offered by one or more providers. Moreover, it would be advantageous for at least one of these methods to be at least partially automated such that the customer need not investigate each available good or service in detail before arriving at a purchase decision.

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SUMMARY OF THE INVENTION

The present disclosure relates to methods, systems, and articles of manufacture for presenting alternative products to a customer for comparison, such as through an

Internet website which also provides for purchasing, for example. In one embodiment, the method comprises prompting a customer to select from one of at least two product comparison methods selected from the group including a tabulated result method, an ordered hierarchy method, and a non-weighted listing method. According to the tabulated result method, the customer is prompted to select the product features most important to the customer from a list of product features. Once these features are selected, a table that crosses the selected features against the available products can be presented to the customer so that he or she can compare the available products in terms of satisfaction of these selected features.

In the ordered hierarchy method, the customer is prompted to answer at least one choice question relevant to the product selection decision. After answering the question(s), the customer is presented with a list of available products in descending order of relevance based upon the customer response.

Finally, in the non-weighted listing method, the customer simply is presented with a list of available products and permitted to view details of each available product.

The features and advantages of this invention will become apparent upon reading the following specification, when taken in conjunction with the accompanying drawings.

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BRIEF DESCRIPTION OF THE DRAWINGS

The invention can be better understood with reference to the following drawings.

The components in the drawings are not necessarily to scale, emphasis instead being placed upon clearly illustrating the principles of the present invention.

FIG. 1 is a schematic diagram of a network system usable with the present invention.

FIG. 2 is a flow chart providing an overview of a method for presenting alternative products for comparison.

FIGS. 3-3J are exemplary web pages that can be used by a customer in the method of FIG. 2.

DETAILED DESCRIPTION

Referring now in more detail to the drawings, in which like numerals indicate corresponding parts throughout the several views, FIG. 1 shows an exemplary embodiment of a system 1 for presenting alternative products for comparison. For purposes of the present disclosure, the term "product" is used to designate goods and/or services that a provider may wish to sell to a customer. Likewise, the term "provider" is intended to include consolidators or brokers of products ultimately provided by one or more other entities.

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As indicated in FIG. 1, the system 1 includes a network system 2 having one or more processors, computers, and other hardware and software components implementing and controlling presentation, i.e., the overall operation of the system. In addition, the network system preferably includes program software which comprises an ordered listing of executable instructions for implementing logical functions, which can be embodied in any computer-readable medium for use by or in connection with an instruction execution system, apparatus, or device, such as a computer-based system, processor-containing system, or other system that can fetch the instructions from the instruction execution system, apparatus, or device and execute the instructions. In the context of this document, a "computer-readable medium" can be any means that can contain, store, communicate, propagate, or transport the program for use by or in connection with the instruction execution system, apparatus, or device. The computer readable medium can be, for example but not limited to, an electronic, magnetic, optical, electromagnetic, infrared, or semiconductor system, apparatus, device, or propagation medium. More specific examples (a nonexhaustive list) of the computer-readable medium would include the following: an electrical connection (electronic) having one or more wires, a portable computer diskette (magnetic), a random access memory (RAM) (magnetic), a readonly memory (ROM) (magnetic), an erasable programmable read-only memory (EPROM or Flash memory) (magnetic), an optical fiber (optical), and a portable compact disc read-only memory (CDROM) (optical). Note that the computerreadable medium could even be paper or another suitable medium upon which the program is printed, as the program can be electronically captured, via for instance optical scanning of the paper or other medium, then compiled, interpreted or

otherwise processed in a suitable manner if necessary, and then stored in a computer memory.

The network system 2 is connected to one or more network devices 3 which operably couples the network system 2 to a wide area network 4. It is to be appreciated that this wide area network 4 can take a variety of forms, for example, a local area network, a satellite communications network, a commercial value-added network, the Internet, ordinary telephone lines, or private leased lines. Most preferably, however, the wide area network 4 includes the Internet.

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The network system 2 can be any combination of hardware and software having the capability of handling real-time, multi-tasking, local and remote-access software database applications. Preferably, when the network system 2 is adopted to operate via the Internet, the network system includes a network server (not shown). In addition to the presentation of alternative products, the network system 2 also can provide a centralized database which accumulates customer data.

Customers can access the system program via a processing system 5 which can, for example, include a personal computer. Normally these processing systems 5 will be operably coupled to the network system 2 through a network device 6 that connects the customer to the wide area network 4 such as the Internet. It is through this connection that the customer may enter information and selections prior to products being presented.

FIG. 2 shows an exemplary embodiment of a method of presenting alternative products for comparison. In a first present embodiment, the products that are to be compared comprise flat fee financial planning packages. These packages are presented to the customer via the provider's website posted on the World Wide Web. In this embodiment example, the website can include a financial planning menu page which contains several different plan comparison options from which the customer is prompted to select as indicated in block 10 in FIG. 2. By way of example, the financial planning menu page can be configured as illustrated in FIG. 3. As shown in this figure, the various plan comparison methods can be presented to the customer at a comparison methods selection area 12 of the page. From the financial planning home page, the customer can select one of the available comparison methods as indicated in block 14 of FIG. 2. In the exemplary embodiment disclosed herein, these methods

can include a tabulated result method 16, an ordered hierarchy method 18, and a non-weighted listing method 20. As illustrated in FIG. 3, links to web pages pertaining to these methods can be listed in area 12 as "Plans Side By Side" 22, "Needs Analysis" 24, and "Product Details" 26, respectively.

With the tabulated results method 16, the customer is provided with a listing of various financial planning features in which the customer may or may not be interested. The customer is, as indicated at block 28 in FIG. 2, prompted to select several, for example five, of the individual features from the listing which the customer feels are most important with regard to his or her financial planning. FIG. 3A illustrates an example web page in which the various financial planning features can be provided to the customer in an extended list 30. As shown in this figure, the financial planning features can include, for instance, 401K planning, asset allocation, budgeting, car purchase, cash flow analysis, disability funding, education funding, home purchase, insurance, investment earnings, managing personal debt, net worth, personal goal funding, recommended stock portfolio, recommended mutual funds, retirement, and taxes. As is further shown in FIG. 3A, each of these features can be presented with an accompanying selection box 32 that the customer can check, for example, by "clicking" with a mouse.

Once the customer identifies the features which he or she desires, as indicated in block 34 of FIG. 2, the customer is presented with a tabulated side-by-side comparison of each of the available financial planning packages which are offered by the provider as indicated in block 36. In a preferred arrangement, each of the financial planning features previously provided to the customer are contained in the tabulation, with the features specifically selected by the customer appearing in bold font and at the top of the tabulation. Alternatively, non-selected features are not displayed at all on Fig. 3B. This tabulation crosses each feature against each available package and indicates whether the particular package provides that particular feature. By way of example, this tabulation can be presented in a web page such as that shown in FIG. 3B, which would be generated if a user selected 401(k) planning, managing personal debt, etc., from the screen of FIG. 3A. As indicated in FIG. 3B, a table 38 can be provided in which each of the features is listed along a vertical axis 40 of the table and several or all of the available packages are listed along a horizontal axis 42 of the table. Availability of a

particular feature with regard to a particular package can be indicated in the affirmative with, for example, a solid block 44. In addition to this tabulated information, the price of each available package can be listed in a price row 46. After the customer has reviewed the tabular information contained in the table 38, he or she can either review the details of each of the available packages by selecting a "details" link presented in row 48 of the table, or can place an order for one or more of the packages by selecting "Order Plan" links contained within row 50 of the table. The details of each package can be presented on individual web pages that, for instance, take the form of those illustrated in FIGS. 3C-3F. As indicated in these figures, the detail pages describe each package in terms of the specific features available of the package, the topics covered by the package, and all included items of the package. Again, the customer is provided with the option to order the particular package by selecting, for example, "Order Plan" link 70. After the details of one or more of the packages have been reviewed, the customer can either order the package by selecting the "Order Plan" link 70 or can simply continue by selecting "continue" link 72 from the details pages shown in these figures. With reference back to FIG. 2 at block 52, the customer then may either leave the website or return to the financial planning menu page to make further selections, including utilizing alternate comparison methods.

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According to the ordered hierarchy method 18, the customer is presented with several questions regarding his or her financial planning interests as indicated at block 54. By way of example, these questions can be presented to the customer with a web page such as that illustrated in FIG. 3G. As shown in this figure, the questions can be presented at a question area 55, with potential answers in an answer area 56, and can include questions and answer options relating to, for example, the level of financial planning expertise of the customer, how often the customer updates his or her financial plan, and the importance of various financial planning features to the customer. Preferably, the customer is provided with a multiple choice of answers that can be selected. When multiple choice questions are presented, the customer can select an answer, for example, by selecting a check box 58 with a mouse. Once the customer answers the questions as indicated in block 60 of FIG. 2, the customer is presented with a list of some or all of the packages available from the provider in descending order of relevance to the particular financial planning needs identified by customer as indicated

at block 62. In one embodiment of the invention, the ranking of the various displayed packages can be performed by assigning a point value to each package relative to each customer answer and calculating a total of all points for each package. The tracking process is performed preferably, by webserver (FIG. 1) as a software implemented process. For instance, if a customer's answer indicated that portfolio tracking is "important" to the customer, packages providing for this feature would be assigned points while packages not providing this feature would accumulate no points in regard to this answer. Further by way of example, if the customer identified that portfolio tracking was "very important," packages with substantial emphasis o portfolio tracking may receive a higher number of points than packages which offer this feature with less emphasis. Similarly, where a feature is identified as "very important" but is not offered in a particular package, negative points may be assigned to the plan to lower the package's position in the ranking or even remove the package from the listing all together. For example, if a very negative point number is assigned to one answer of one question, such an answer could cause the sum of all question points for a particular package to be negative, regardless of the answers to other questions.

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FIGS. 3H and 3I show example web pages containing results from answers provided by the customer. As indicated in these figures, the various packages can be presented in individual blocks 64 that, by way of example, include a bullet listing of included features and a brief summary of the package. In addition, each block 64 of information can include a "See Details" link 66 with which the customer can review details of the individual packages in subsequent web pages, and an "Order package" link 68 with which the customer can actually order the package. After reviewing these results and obtaining the desired information, the customer can leave the site or return to the financial planning menu page, as indicated at 74 in FIG. 2.

With regard to the non-weighted listing method 20 identified in FIG. 2, the customer is presented with a list of each package the provider makes available to the customer, as indicated at block 76. As indicated at block 78, the customer can select from these available packages to receive details regarding the selected package, as indicated at block 80, to compare the merits of the various packages and determine which best suits his or her financial planning needs. By way of example, this list of packages can be provided to the customer with a web page arranged as indicated in FIG.

3J. As illustrated in this figure, the packages can be provided in list 82 form with the title of each displayed, and most preferably, a link 84 that can take the customer to a further web page which provides details as to the various features of the available packages. By way of example, these detail web pages can be arranged similarly to those illustrated in FIGS. 3C-3F and discussed in reference to the tabulated result method 16. After reviewing these details and/or placing an order, the customer can quit the website or return to the financial planning menu page as indicated at block 86 in FIG. 2.

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In a second embodiment, the products to be compared in the inventive method relate to variably priced providers, with examples including financing products, such as automobile financing, home mortgage financing, and the like. In that such financing normally is not provided to a general public at standardized rates, but instead varies according to the particular applicant's financial situation, the products available for comparison vary in availability and terms from customer to customer. Accordingly, to determine which financing products are available to the customer for comparison, it typically must be determined which products the customer qualifies for before comparison can be made.

One highly effective method of determining the various products for which a customer would qualify is disclosed in U.S. Patent Application Serial No. 09/203,954, which is hereby incorporated by reference into the present disclosure. That patent application discloses a comparative quoting system for multiple providers of a variety of financial products. In that comparative quoting system, quote request information is first collected from the customers. That information is then used to generate quote result information typically culled from a plurality of remotely located financing providers.

Where a comparative quoting system such as that disclosed in the aforementioned patent application is implemented in a method according to the present invention, the comparative quote result information can be provided to the customer in at least the three different methods described in detail in relation to financial planning packages in the foregoing. Accordingly, the comparison methods used to review the financing products can be selected from the group including a tabulated result method, an ordered hierarchy method, and a non-weighted listing method.

With the tabulated result method, described in the foregoing, the customer can be provided with a listing of various financing product features that the customer may or may not consider to be important. By way of example, these features can relate to interest rate, variability of interest rate, loan term, required down payment, and the like. Once the important aspects of the financing product have been identified by the customer, the customer can be presented with a tabulated side-by-side comparison of each of the available financing products available to the customer from the provider. As with the financial planning embodiment, this tabulation crosses each feature against each available product. By way of example, this tabulation can be presented in a web page (similar to that referenced above). Normally, if the customer finds a product he or she wishes to order, he or she can place an order directly from the page.

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When the ordered hierarchy method is implemented, the customer can be presented with several questions regarding his or her financing product desires. As with the financial planning embodiment, these questions can be presented to the customer with a web page (not shown) and can include, for instance, questions relating to the interest rate range that the customer would find acceptable, whether the customer is interested in a fixed or variable interest rate, the duration of the loan term the customer desires, the amount of down payment the customer can afford, and the like. Preferably, the customer is provided with a multiple choice of answers that can be individually selected. Once the customer answers the questions, the customer is presented with a list of some or all of the financing products available to the customer from the provider in descending order of relevance to the particular financing needs identified by customer. These results can be ranked by the system as by assigning a point value to each product in the same manner to that described in detail with relation to the financial planning embodiment. Accordingly, the products reflecting the most important aspects identified by the customer will have higher point values and therefore will top the list.

In another embodiment, the provider is provided an option of securing a comparison method before quote information is obtained and processed. With regard to both the tabulated resort and ordered hierarchy methods, other embodiments also include obtaining the comparison options before the quote information is obtained and processed.

With regard to the non-weighted listing method, the customer can be presented

with a list of each financing product the provider makes available to the customer. The customer can then select from these available products to receive details regarding the selected product, and make a determination as to which suits his or her needs best

In another example embodiment, the products to be compared in the inventive method relate to insurance plans. By way of example, the insurance plans can pertain to automobile insurance, homeowner's insurance, life insurance, and the like. In that such insurance, like financing, normally is not provided to the general public at standardized rates, it typically first must be determined which products the customer qualifies for before comparison can be made. Again, suitable for making this determination is the comparative quoting system described in the aforementioned patent application which has been incorporated by reference.

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Accordingly, for the tabulated result method, the customer can be provided with a listing of various insurance plan features that the customer may or may not consider to be important. By way of example, these features can relate to amount of insurance premium, amount of insurance deductible, extent amount of coverage, and the like. The customer then can be presented with a tabulated side-by-side comparison of each of the insurance plans available to the customer from the provider. With the ordered hierarchy method, the customer can be presented with several questions regarding the insurance plan features. The customer then can be presented with a list of some or all of the insurance plans available to the customer from the provider in descending order of relevance to the particular financing needs identified by the customer. Finally, with regard to the non-weighted listing method, the customer can simply be presented with a list of each insurance plan for which the customer likely qualifies.

With the herein described method of presenting products, the customer is provided with several tools with which to make an informed decision as to which product would best suit his or her personal situation. Accordingly, the customer can, if desired, utilize each method individually to determine which available product aligns most closely with his or her most important values and personal needs. While preferred embodiments of the invention have been disclosed in detail in the foregoing description and drawings, it will be understood by those skilled in the art that variations and modifications thereof can be made without departing from the spirit and scope of the invention as set forth in the following claims.

CLAIMS

1. A method for presenting alternative products for comparison, comprising:

prompting a customer to select from one of at least two product comparison methods, the comparison methods being selected from the group including

a tabulated result method,

an ordered hierarchy method,

a non-weighted listing method; and

receiving an indication of a customer selection;

wherein the tabulated result method comprises prompting the customer to select the product features most important to the customer from a list of product features and subsequently presenting a table to the customer that crosses the selected features against the available products;

wherein the ordered hierarchy method comprises prompting the customer to answer at least one multiple choice question and presenting the products to the customer in descending order of relevance based upon the customer response; and

wherein the non-weighted listing method comprises presenting a list of available products to the customer and permitting the customer to select to view details of each available product.

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- 2. The method of claim 1, wherein the table presented in the tabulated result method includes all of the listed product features.
- 3. The method of claim 2, wherein the product features selected by the customer are placed at the top of the table.
 - 4. The method of claim 2, wherein the product features selected by the customer are the only features provided in the table.
- 5. The method of claim 1, wherein the steps of presenting the products to the customer in descending order of relevance based upon the customer response in the ordered hierarchy method includes assigning point values to the various available

products based upon the customer response.

6. The method of claim 5, wherein higher point values are assigned to products that closely satisfy the customer needs indicated by the customer response.

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- 7. The method of claim 6, wherein negative point values are assigned to products that clearly do not satisfy customer needs indicated by the customer response.
- 8. A method for presenting alternative products for comparison, comprising:

presenting a customer with a list of product features that may be considered to be important to the customer;

prompting the customer to select the product features that the customer considers to be most important to the customer;

receiving the customer response; and

presenting a table to the customer that crosses the customer selected product features against the available products, wherein the table indicates which of the available products contains the individual customer selected product features.

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- 9. The method of claim 8, wherein the table presented to the customer includes all of the product features initially presented to the customer and indicates which of the available products contains the individual product features.
- 25 10. The method of claim 9, wherein the product features selected by the customer are placed at the top of the table.
 - 11. A method for presenting alternative products for comparison, comprising:
- presenting a customer with at least one question relevant to the product selection process;

prompting the customer to answer the at least one question;

receiving the customer response; and

presenting the products to the customer in descending order of relevance based upon the customer response.

The method of claim 11, wherein the step of presenting the products to the customer in descending order of relevance based upon the customer response includes assigning point values to the various available products based upon the customer response.

- 10 13. The method of claim 12, wherein higher point values are assigned to products that closely satisfy the customer needs indicated by the customer response.
 - 14. The method of claim 13, wherein negative point values are assigned to products that clearly do not satisfy customer needs indicated by the customer response.
 - 15. A computer program for presenting alternative products for comparison, said program being embodied on a computer-readable medium, said program comprising:
 - a first code segment, said first code segment prompting a customer to select from one of at least two product comparison methods, the comparison methods being selected from the group including

a tabulated result method,

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an ordered hierarchy method,

a non-weighted listing method; and

a second code segment, said second code segment receiving an indication of a customer selection;

wherein the tabulated result method comprises prompting the customer to select the product features most important to the customer from a list of product features and subsequently presenting a table to the customer that crosses the selected features against the available products;

wherein the ordered hierarchy method comprises prompting the customer to

answer at least one multiple choice question and presenting the products to the customer in descending order of relevance based upon the customer response; and

wherein the non-weighted listing method comprises presenting a list of available products to the customer and permitting the customer to select to view details of each available product.

- 16. The computer program of claim 15, wherein the table presented in the tabulated result method includes all of the listed product features.
- 10 17. The computer program of claim 16, wherein the product features selected by the customer are placed at the top of the table.
 - 18. The computer program of claim 16, wherein the product features selected by the customer are the only features provided in the table.

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19. The computer program of claim 15, wherein the steps of presenting the products to the customer in descending order of relevance based upon the customer response in the ordered hierarchy method includes assigning point values to the various available products based upon the customer response.

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20. The computer program of claim 19, wherein higher point values are assigned to products that closely satisfy the customer needs indicated by the customer response.

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- 21. The computer program of claim 20, wherein negative point values are assigned to products that clearly do not satisfy customer needs indicated by the customer response.
- 22. A computer data signal for presenting alternative products for comparison, said signal being embodied in a propagated medium, said computer data signal comprising:
- a first code segment, said first code segment prompting a customer to select from one of at least two product comparison methods, the comparison methods being

selected from the group including

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a tabulated result method,

an ordered hierarchy method,

a non-weighted listing method; and

a second code segment, said segment code segment receiving an indication of a customer selection;

wherein the tabulated result method comprises prompting the customer to select the product features most important to the customer from a list of product features and subsequently presenting a table to the customer that crosses the selected features against the available products;

wherein the ordered hierarchy method comprises prompting the customer to answer at least one multiple choice question and presenting the products to the customer in descending order of relevance based upon the customer response; and

wherein the non-weighted listing method comprises presenting a list of available products to the customer and permitting the customer to select to view details of each available product.

- 23. The computer data signal of claim 22, wherein the table presented in the tabulated result method includes all of the listed product features.
- 24. The computer data signal of claim 23, wherein the product features selected by the customer are placed at the top of the table.
- 25. The computer data signal of claim 23, wherein the product features selected by the customer are the only features provided in the table.
 - 26. The computer data signal of claim 22, wherein the steps of presenting the products to the customer in descending order of relevance based upon the customer response in the ordered hierarchy method includes assigning point values to the various available products based upon the customer response.
 - 27. The computer data signal of claim 26, wherein higher point values are

assigned to products that closely satisfy the customer needs indicated by the customer response.

- 28. The computer data signal of claim 27, wherein negative point values are assigned to products that clearly do not satisfy customer needs indicated by the customer response.
 - 29. The computer data signal of claim 22, wherein said propagated medium is a carrier wave.
 - 30. The computer data signal of claim 22, wherein said propagated medium is a conductor.
- 31. The computer data signal of claim 22, wherein said propagated 15 medium is an optical fiber.

32. A web server comprising:

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logic configured to prompt a customer to select from one of at least two product comparison methods, the comparison methods being selected from the group including

a tabulated result method,

an ordered hierarchy method,

a non-weighted listing method; and

logic configured to receive an indication of a customer selection;

wherein the tabulated result method comprises prompting the customer to select the product features most important to the customer from a list of product features and subsequently presenting a table to the customer that crosses the selected features against the available products;

wherein the ordered hierarchy method comprises prompting the customer to answer at least one multiple choice question and presenting the products to the customer in descending order of relevance based upon the customer response; and

wherein the non-weighted listing method comprises presenting a list of

available products to the customer and permitting the customer to select to view details of each available product.

- 33. The web server of claim 32, wherein the table presented in the tabulated result method includes all of the listed product features.
 - 34. The web server of claim 33, wherein the product features selected by the customer are placed at the top of the table.
- The web server of claim 33, wherein the product features selected by the customer are the only features provided in the table.
 - 36. The web server of claim 32, wherein the steps of presenting the products to the customer in descending order of relevance based upon the customer response in the ordered hierarchy method includes assigning point values to the various available products based upon the customer response.
 - 37. The web server of claim 36, wherein higher point values are assigned to products that closely satisfy the customer needs indicated by the customer response.
 - 38. The web server of claim 37, wherein negative point values are assigned to products that clearly do not satisfy customer needs indicated by the customer response.
 - 39. A web server comprising:

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means for prompting a customer to select from one of at least two product comparison methods, the comparison methods being selected from the group including

a tabulated result method,
an ordered hierarchy method,
a non-weighted listing method; and

means for receiving an indication of a customer selection;

wherein the tabulated result method comprises prompting the customer to select the product features most important to the customer from a list of product features and subsequently presenting a table to the customer that crosses the selected features against the available products;

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wherein the ordered hierarchy method comprises prompting the customer to answer at least one multiple choice question and presenting the products to the customer in descending order of relevance based upon the customer response; and

wherein the non-weighted listing method comprises presenting a list of available products to the customer and permitting the customer to select to view details of each available product.

40. The web server of claim 39, wherein the table presented in the tabulated result method includes all of the listed product features.

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- 41. The web server of claim 40, wherein the product features selected by the customer are placed at the top of the table.
- 42. The web server of claim 40, wherein the product features selected by the customer are the only features provided in the table.

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43. The web server of claim 39, wherein the steps of presenting the products to the customer in descending order of relevance based upon the customer response in the ordered hierarchy method includes assigning point values to the various available products based upon the customer response.

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44. The web server of claim 43, wherein higher point values are assigned to products that closely satisfy the customer needs indicated by the customer response.

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45. The web server of claim 44, wherein negative point values are assigned to products that clearly do not satisfy customer needs indicated by the customer response.

46. A method in which alternative products are presented to a customer for comparison, comprising the steps of:

a network system prompting a customer to select from one of at least two product comparison methods, the comparison methods being selected from the group including

> a tabulated result method, an ordered hierarchy method, a non-weighted listing method;

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the customer indicating the customer selection;

the network system receiving the customer selection;

wherein the tabulated result method comprises prompting the customer to select the product features most important to the customer from a list of product features and subsequently presenting a table to the customer that crosses the selected features against the available products;

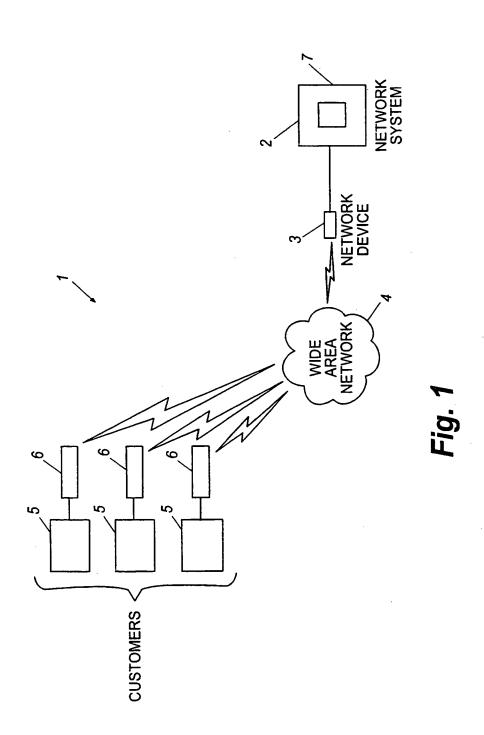
wherein the ordered hierarchy method comprises prompting the customer to answer at least one multiple choice question and presenting the products to the customer in descending order of relevance based upon the customer response; and

wherein the non-weighted listing method comprises presenting a list of available products to the customer and permitting the customer to select to view details of each available product.

- 47. The method of claim 46, wherein the table presented in the tabulated result method includes all of the listed product features.
- 48. The method of claim 47, wherein the product features selected by the customer are placed at the top of the table.
- 49. The method of claim 47, wherein the product features selected by the customer are the only features provided in the table.
 - 50. The method of claim 46, wherein the steps of presenting the products

to the customer in descending order of relevance based upon the customer response in the ordered hierarchy method includes assigning point values to the various available products based upon the customer response.

- 5 51. The method of claim 50, wherein higher point values are assigned to products that closely satisfy the customer needs indicated by the customer response.
- 52. The method of claim 51, wherein negative point values are assigned to products that clearly do not satisfy customer needs indicated by the customer 10 response.



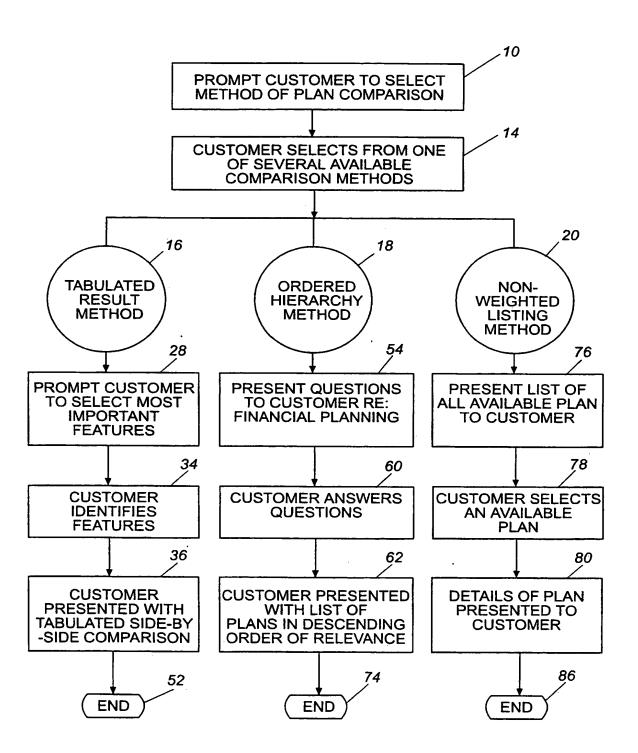
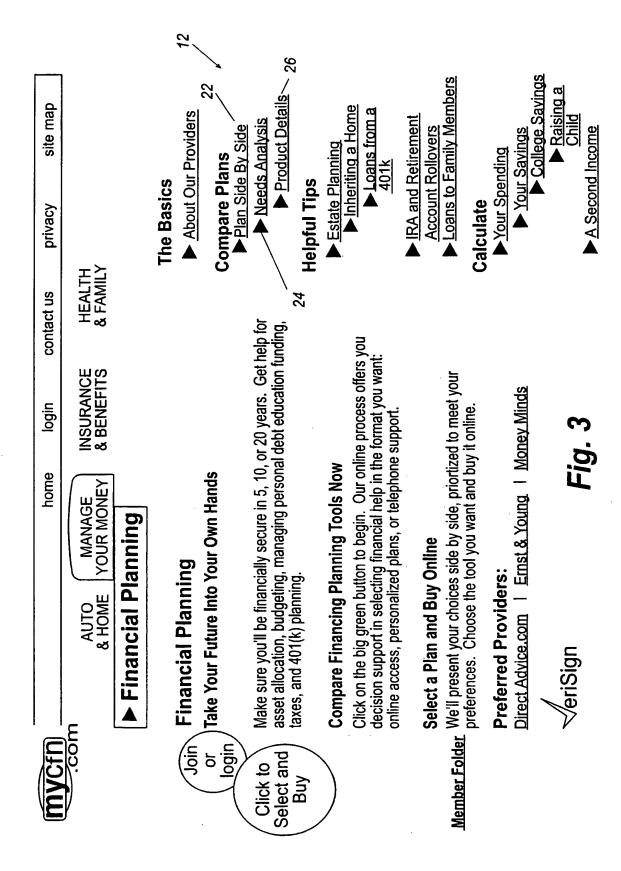


Fig. 2



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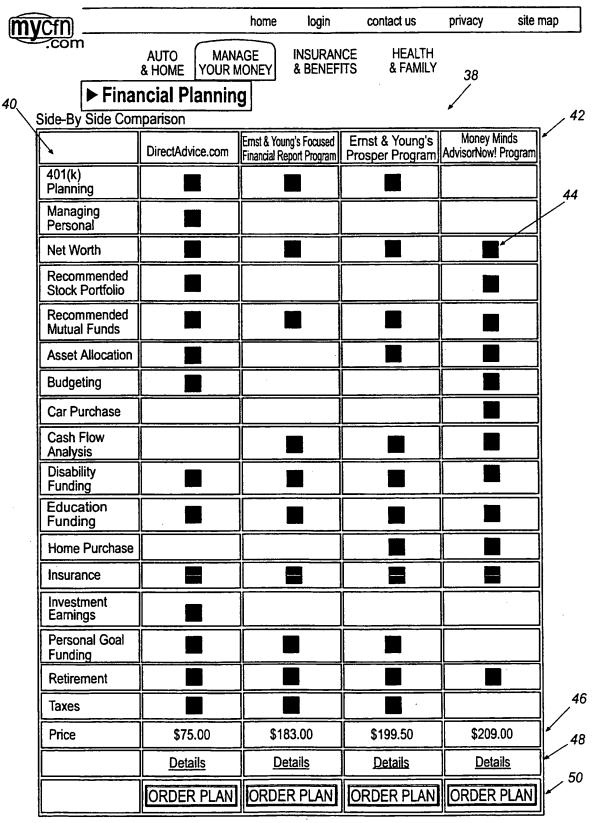


Fig. 3B

Taxes Education funding Asset allocation

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Level of Financial Planning Expertise Required		Moderate to high	high		• •	Net worthCash flow		
Ability to Create Multiple Plans:	-	Yes no additional charge	itional cl	narge	• •	 Insurance Taxos 		

Match Line to Fig. 3C₂

Yes

Telephone Financial Planning Assistance:

3C1	 Refirement Portfolio management 	 Disability funding Home purchase 	 Personal goal funding Estate taxes 	• 401 (k) planning • Emergency funding
Match Line to Fig. 3C1	Yes	Yes	Yes	MasterCard, VISA, Discover, American Express
	Access to Specific Investment Advice:	Portfolio Tracking:	Realtime Portfolio Updates:	Payment Methods:

 PC with 488 or higher processor What You'll Get

hese are the most authoritative guides you can buy. They offer practical tips and investment Drawing on the incomparable experience of Ernst & Young's financial planning professionals, strategies that will teach you how to begin planning for a lifetime of financial security. These retirement and retirement years, and are packed with hundreds of unique money-saving tips. hands-on guides highlight the key financial issues you need to consider during your pre-Books and software provided by Ernst & Young Product Sales LLC.)

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computerized record of the data you provided, a record of guidance already given in previous calls, and scenario runs on their software. The HelpLine is staffed raining and have the same experience and credentials as all E & Y counselors who work with individuals face-to-face. They have at their fingertips a complete, HelpLine provides personalized, confidential, on-demand accisss for individuals to a non-biased financial planner. These counselors have received the same information and financial investment advice is just a toll-free (US only) phone call away with Ernst & Young's HelpLine Telephone Counseling Services. The HelpLine Telephone Counseling Services (provided by Ernst & Young LLP) rom 9am to 8pm ET, Monday-Friday (excluding holidays.)



Fig. 3C₂

System Requirements for Prosper Software:

Microsoft Windows 95 or NT ver 4.0 or later

Minimum of 8 MB memory; 12 MB on Windows

Minumum of 16 MB hard disk space

CD-ROM drive (3.5" diskettes available)

 VGA graphics card or compatible video graphics adaptor (256 color required)

Microsoft mouse recommended

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Price: \$75.00	0	ORDER PLAN	02		
Specifics		Top	Topics Covered • Multiple personal goals guch as adverting	doug alcor	acitaci po oc

Multiple personal goals such as education, retirement, car and home purchase, disability funding
Asset allocation
Recommended stock portfolio Budgeting
401 (k) planning Ability to Create Multiple Plans: Yes -- at no additional charge Moderate Yes Telephone Financial Planning Assistance: Level of Financial Planning Expertise Required

Match Line to Fig. 3D₂

i. 3D1				
Match Line to Fig. 3D1	Yes	No	No	MasterCard, VISA, Discover, American Express
	Access to Specific Investment Yes Advice:	Portfolio Tracking:	Realtime Portfolio Updates:	Payment Methods:

What You'll Get

DirectAdvice.com helps you develop a personal financial plan and gives you the advice you can use to modify your plan as your needs change. With DirectAdvice. com, you get a comprehensive financial plan that's customized for your situation -- and you do it all online! Your plan will be easy to understand, act upon, and most importantly, stick to. Plus, you get a full year of



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updates, progress charts and advice.

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Ernst & Young's personalized Focused Financial Reports will put you on the path to achieving your financial goals. After	nalized Focus	ed Financial Report	s will put you on	the path to achi	eving your fin	ancial goals. A	fter

answering some questions about your financial situation and goals, you can select any of all the following financial reports: net worth, cash flow, retirement, education funding, life insurance, personal goal funding, disability funding, and extate taxes. In an easy-to-understand format, the reports show you're doing and suggest strategies to help youreach your financial goals. 20

ORDER PLAN

Price: \$183.00

 Education funding New worth
 Cash flow
 Retirement
 Life insurance
 401 (k) planning **Topics Covered** Ability to Create Multiple Plans: |Yes -- at no additional charge| _ No Yes Telephone Financial Planning Level of Financial Planning Expertise Required Assistance Specifics

Match Line to Fig. 3E2

E1	403 (b) planning Disability funding	Personal goal funding		
Match Line to Fig. 3E1	Yes	• ON	No	MasterCard, VISA, Discover, American Express
	Access to Specific Investment Advice:	Portfolio Tracking:	Realtime Portfolio Updates:	Payment Methods:

What You'll Get (examples of 2 of the reports)

suggest the optimum asset allocation to help you achieve a secure retirement. Plus you'll get tips on specific actions you can take to help you achieve your Personal Financial Retirement report will analyze your current strategy and How much money will you need to retire and how do you get there? Your

Personal Financial Education Funding report will tell you if you are on track Funding a college education for your children takes careful planning. Your or if you need to adjust yoursavings and investment strategy to help you achieve your goal of providing for your children's college education.



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retirement goals.

HelpLine provides personalized, confidential, on-demand accsss for individuals to a non-biased financial planner. These counselors have received the same training and have the same experience and credentials as all E & Y counselors who work with individuals face-to-face. They have at their fingertips a complete, computerized record of the data you provided, a record of guidance already given in previous calls, and scenario runs on their software. The HelpLine is staffed information and financial investment advice is just a toll-free (US only) phone call away with Ernst & Young's HelpLine Telephone Counseling Services. The HelpLine Telephone Counseling Services (provided by Ernst & Yount LLP) rom 9am to 8pm ET, Monday-Friday (excluding holidays.)

Cash flow analysis
Income and tax analysis
Net Worth
Education funding
Retirement
Personal goal funding
Investment earnings

Ability to Create Multiple Plans: Yes - at no additional charge

Yes

Telephone Financial Planning

Assistance:

<u>§</u>

Level of Financial Planning

Expertise Required

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Specifics					Topics Covered	overed	

Match Line to Fig. 3F₂

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31-1				
Match Line to Fig. 3F1	No	No	No	MasterCard, VISA, Discover, American Express
	Access to Specific Investment Advice:	Portfolio Tracking:	Realtime Portfolio Updates:	Payment Methods:

What You'll Get

Financial Fitness Evaluations education funding analysis. The plan Take the guesswork out of funding your child's education with your lets you compare your current need to your current funding and makes recommendations on how muc to save to meet your retire comfortably or incur a chortfall. Then, the plan tells you how much to invest and life expectancy. the plan predicts wherethere yo will have enough money to your retirement. Looking at your age, income expected retirement data, inflation Your Financial Fitness Evaluation shows you where you stand today in funding

background to find the right answer on your own, just call or e-mail MoneyMind's CFP's and CPA's. Ask about anything from taxes and insurance to retirement planning and investing. You'll get an answer by the end of the next business day, usually with a few hours!

Get personal financial and tax counseling int he comfort and privacy of your home or office. When you need answers, but don't have the time, interest or

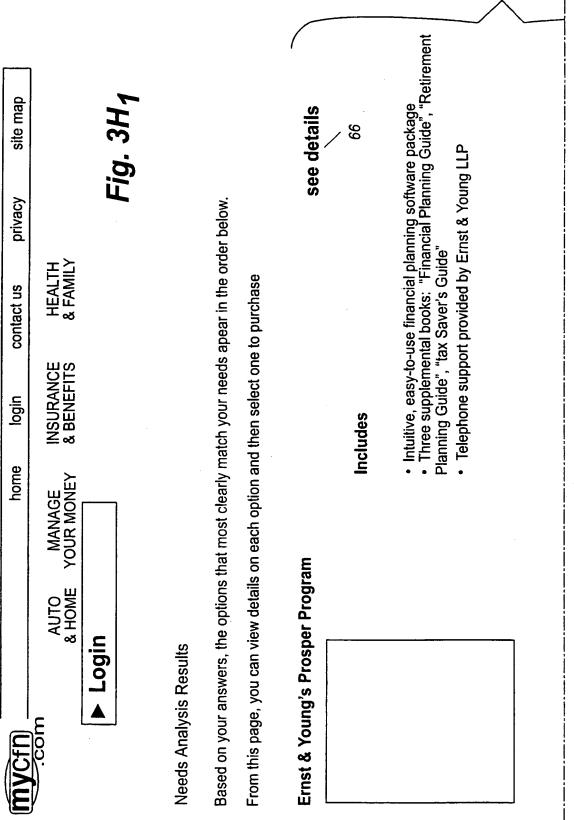
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monthly until retirement at you assumed rate of return to meet your capital

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Match Line to Fig. 3H₂

Prosper is Ernst & Young's personal financial planning program. Using Prosper software and books provided by Ernst & Young Young's sophisticated, time-proven financial planning methodology. Your price includes software and books provided by Ernst & Young Product Sales, LLC: a \$98 value. It also includes HelpLine Services provided by Ernst & Young, LLP: a \$101.50 experience providing personal tax and financial planning for more than eighty years. It's calculation and analysis use Ernst & Product Sales LLC, you can create your personal financial plan at your own pace. Prosper is based on Ernst & Young's

Match Line to Fig. 3H1

99

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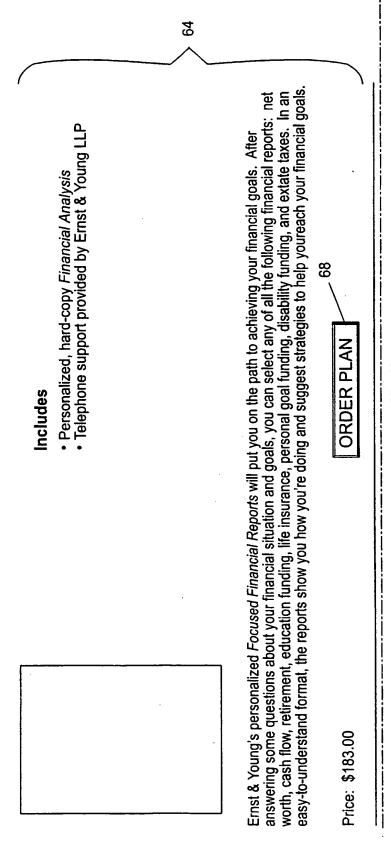
Price: \$199.50

64 recommended stock portfolios and mutual funds. You get a full year of updates, progress checks and personalized advice. Simply fill in their online questionaire and view your plan online within minutes. Your plan will include an asset allocation, Unlimited updates with downloadable, printable hard copy see details Customized, multi-goal, interactive planning 89 On66line, real-time support Money-back guarantee ORDER PLAN Includes DirectAdvice.com Price: \$75.00

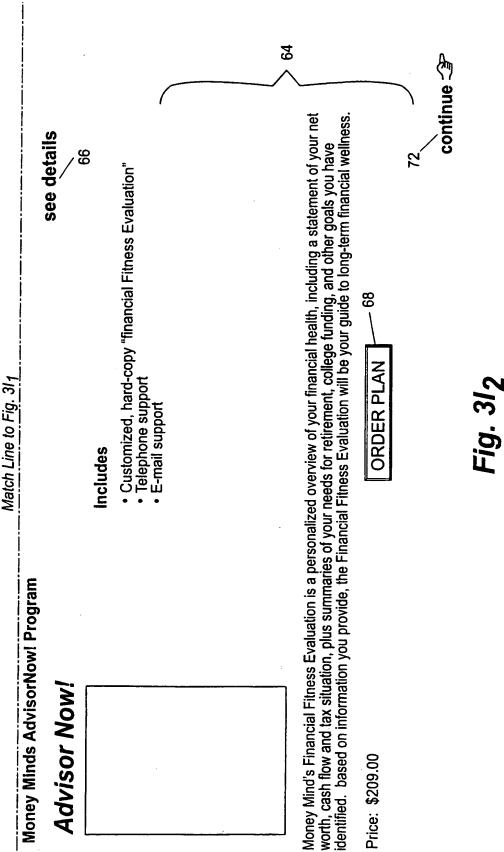
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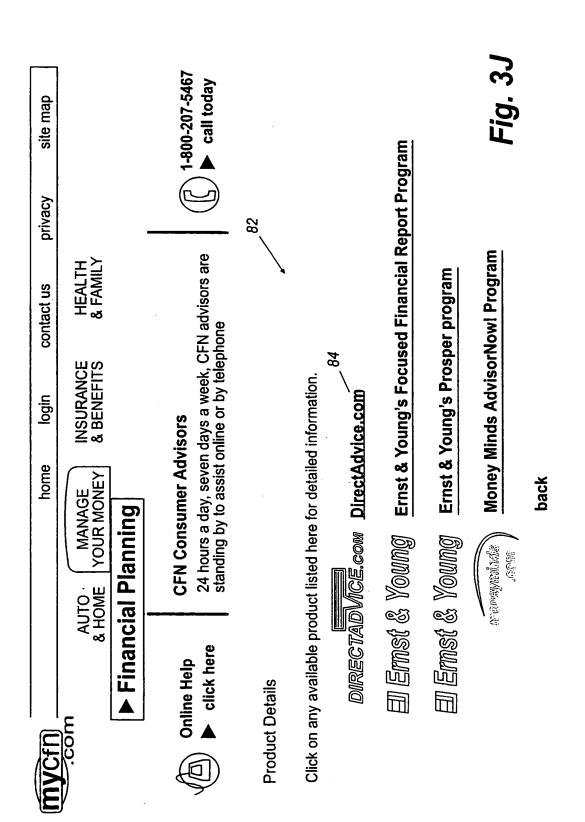
see details 99

Fig. 31.



Match Line to Fig. 3l₂





INTERNATIONAL SEARCH REPORT

International application No. PCT/US00/40621

IPC(7)	ASSIFICATION OF SUBJECT MATTER :G06F 17/60			
	:705/27 to International Patent Classification (IPC) or to both	national classification and IDC		
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	documentation searched (classification system followe	d by classification symbols)	······································	
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C. DOC	CUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
Y,P	US 6,035,283 A (ROFRANO) 07 Mar 3 - col. 5, line 36.	ch 2000, Abstract; col. 3 line	1-52	
Y	US 5,576,951 A (LOCKWOOD) 19 N 4, line 65 - col. 8 line 2; col. 8, line 3	ovember 1996, Abstract; col. 38 - col. 16, line 14.	1-52	
Y	US 5,918,213 A (BERNARD et al.) 29 June 1999, Abstract; col. 3, line 8 - col. 6, line 53; col. 9, line 58 - col. 13, line 35; col. 17, line 51 - col. 20, line 46.			
Y,P	US 5,970,471 A (HILL) 19 October 19 col. 5, line 51; col. 6, line 38 - col. 1	999, Abstract; col. 1, line 6 - 1, line 36.	1-52	
X Furth	ner documents are listed in the continuation of Box C			
"A" do	ecial categories of cited documents: cument defining the general state of the art which is not considered be of particular relevance	"T" later document published after the inte date and not in conflict with the applic principle or theory underlying the inv	ation but cited to understand the	
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International application No.
PCT/US00/40621

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,P	US 6,055,514 A (WREN) 25 April 2000, Abstract; col. 4, line 43 - col. 17, line 23.	1-52
Y,E	US 6,125,352 A (FRANKLIN et al.) 26 September 2000, Abstract; col. 1, line 47 - col. 3, line 36; col. 4, lines 15-61; col. 7, line 25 - col. 12, line 23; col. 15, line 38 - col. 16, line 47.	1-52